

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Work Order ID 141114***141114***

Page 2

January 27, 2016 8:48:09 AM

Item ID: D3370-041 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Tail Rotor Pedal Lock
Start Date: 1/27/2016 Start Qty: 2.00 ***2*** Cust Item ID:
Required Date: 1/28/2016 Req'd Qty: 2.00 ***2*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>Ship</u>	0.00							
130									
Packaging	Memo	0.00							
Packaging							DAS 6 9-89		JAN 28 2016
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MCS JAN 29 2016

MCS JAN 29 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process								
Misidentified ☐	☐ Past Due	OTHER :							

January 27, 2016 8:48:14 AM

141114

D3370-041

Start Date: 1/27/2016**Required Date:** 1/28/2016

Start Qty: 2.00

Required Qty: 2.00

Comments:

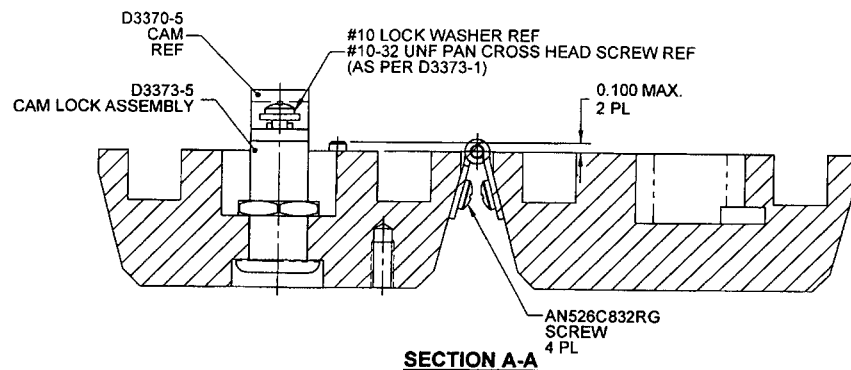
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3370-051 *D3370-051* Pedal Lock Assembly		Manufactured	No			100	Each	0.0000	1				
					141115				**	1	FF	JAN 28 2016	
D3384-041 *D3384-041* Cyclic Sock Assembly		Manufactured	No			100	Each	5.0000	1				
									**	21			
													DAS 6 9-89
					<u>Location</u>				<u>Loc Qty</u>				
					ST500				5				
						124231			5				
HX-81 *HX-81* 1/4"-20 SHCS 3/8" long		Purchased	No			100	Each	48.0000	1				
									**	41			
													DAS 6 9-89
					<u>Location</u>				<u>Loc Qty</u>				
					ST554				48				
						123436			48				
NAS1149F0463P *NAS1149F0463P* Washer		Purchased	No			100	Each	1,018.000	2				
									**	2			
					<u>Location</u>				<u>Loc Qty</u>				
					ST260a				969				
					m127832				969				
					st268				49				
					m127832				41				
					m130388				8				
										2		JAN 28 2016	DAS 6 9-89

Qty. -041	Qty. -051	PART NUMBER	DESCRIPTION
X		D3370-041	TAIL ROTOR DISABLING KIT
1	X	D3370-051	PEDAL LOCK
1		D3384-041	CYCLIC SOCK
1		HX-81	1/4-20 SOCKET HEAD CAP SCREW
2		AN960-416	WASHER
1		D2728-7	LABEL
1		D3370-1	BASE
1		D3370-3	COVER
1		D3373-5	CAM LOCK ASSY
1		D3385-3	HINGE
2		Ø 3/16 X 0.50 GROUND STUD DOWEL PIN	GROUND STUD DOWEL PIN
4		AN526C832R8	SCREW

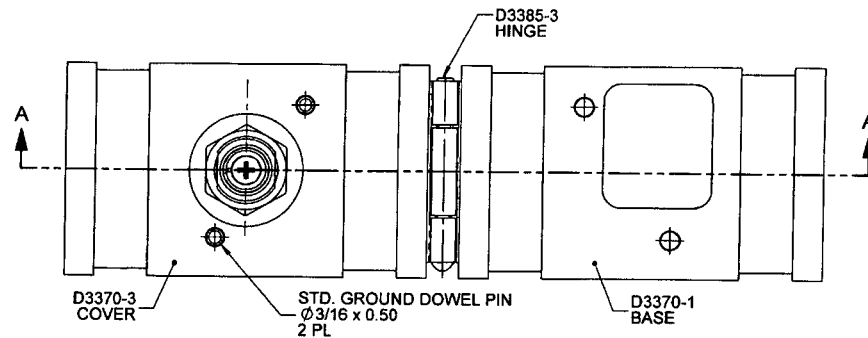
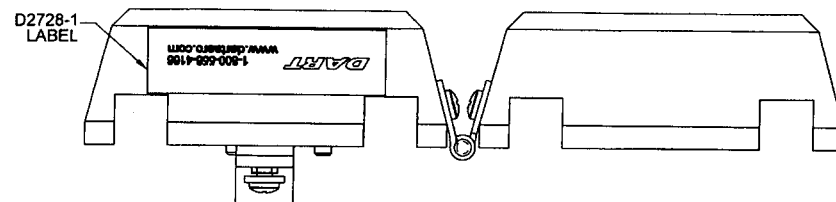
20160126

RELEASED
08-07-16

C	SHEET 1 ADDED P/L, ADDED -041 TO P/L (SEE NCR 264). DRAWING TRANSFERRED TO "B" SIZE FORMAT. REFORMATTED TO CURRENT STANDARDS.		AJS	08.07.11
B	D3385-3 WAS D3385-1		MB	05.03.22
A	NEW ISSUE		RF	04.12.15
REV.	DESCRIPTION		BY	DATE
DESIGN	MB		DART AEROSPACE LTD	
DRAWN	AJS		HAWKESBURY, ONTARIO, CANADA	
CHECKED	[Signature]		DRAWING NO.	REV. C
MFG. APPR.	[Signature]		D3370	SHEET 1 OF 4
APPROVED	[Signature]		TITLE	SCALE
DE APPR.	[Signature]		PEDAL LOCK	NTS
DATE	08.07.11		COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



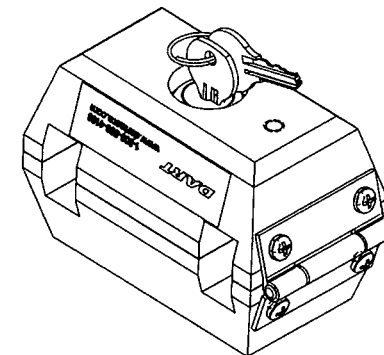
SECTION A-A



D3370-051 PEDAL LOCK ASSEMBLY

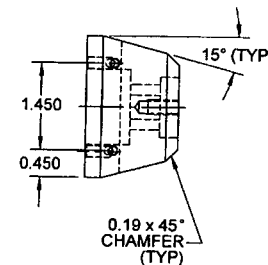
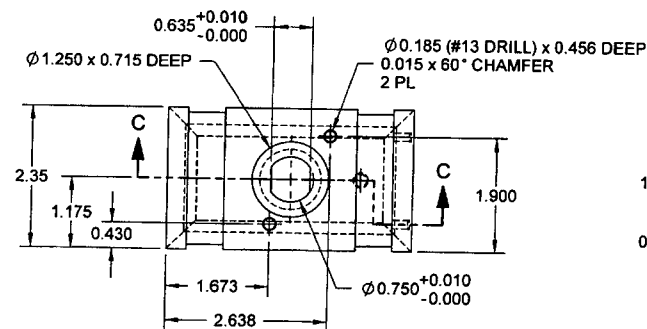
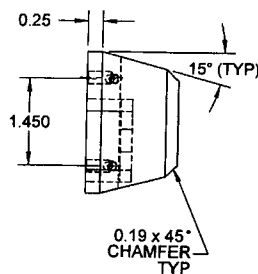
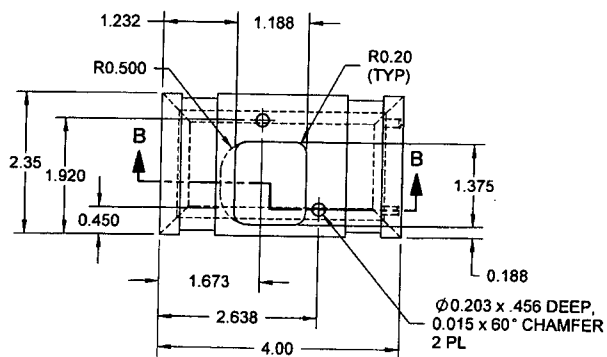
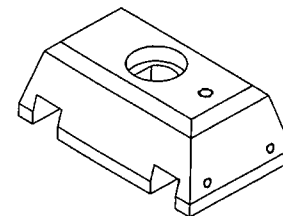
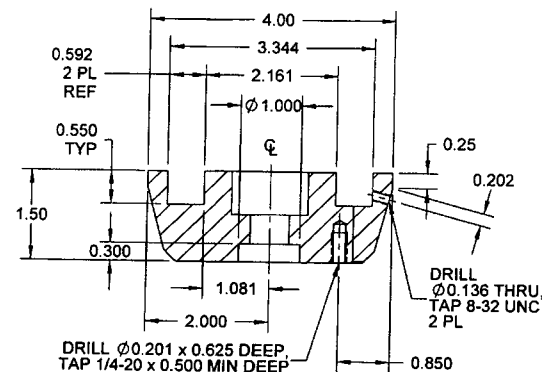
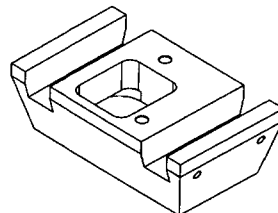
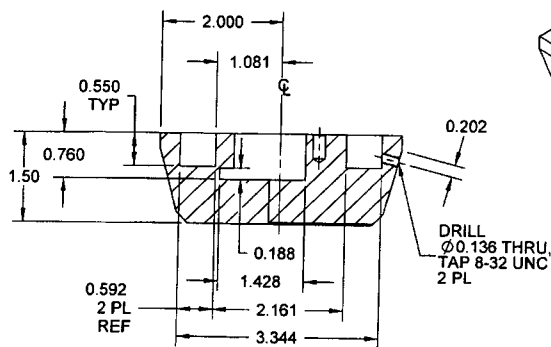
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.75 lbs



RELEASED
08-07-11

DESIGN	MB	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3370	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		PEDAL LOCK	NTS
DATE	08.07.11	COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D3370-1 BASE

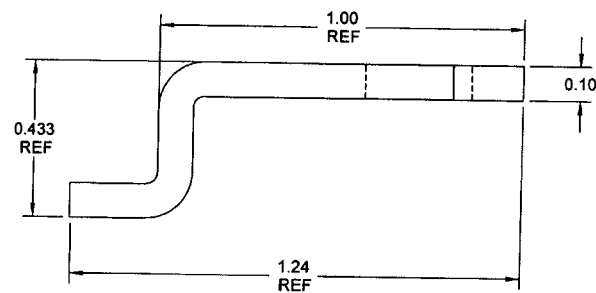
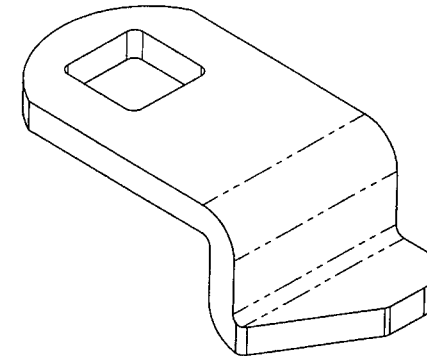
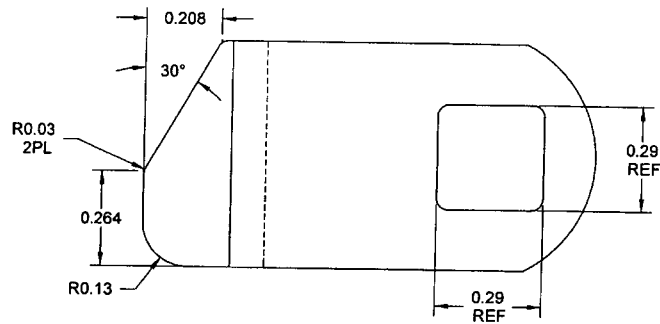
D3370-3 COVER

NOTES:

- 1) MATERIAL: 6061-T6/T651 (QQ-A-200/8 OR QQ-A-225/8) REF. DART SPEC. M6061T6B
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

RELEASED
08-07-11

DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3370	SHEET 3 OF 4
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DE APPR.		PEDAL LOCK	NTS
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D3370-5 CAM

RELEASED

- NOTES:**
- 1) MATERIAL: SUPPLIER BY D3373, MODIFIED AS SHOWN
 - 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 3) ALL DIMENSIONS ARE IN INCHES
 - 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

DESIGN	MB	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	FE	DRAWING NO.	REV. C
MFG. APPR.	MB	D3370	SHEET 4 OF 4
APPROVED	MB	TITLE	SCALE
DE APPR.	MB	PEDAL LOCK	NTS
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